

19990215.ba v02\_n430.bam.990215

>From ???@??? Tue Feb 16 02:53:07 1999  
Message-Id: <199902151430.IAA17114@sco.theporch.com>  
Date: Mon, 15 Feb 1999 08:26:23 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2430

BOATANCHORS Digest 2430

Topics covered in this issue include:

- 1) More on Bobbi's BIG Funky Tubes  
by "Barry L. Ornitz" <ornitz@tricon.net>
- 2) 6 meter Venus  
by Gerald Morris <k6qy@mindspring.com>
- 3) FS Gonset Super 6 Was: Re: Gonset mobile converter  
by John Kolb <jlkolb@cts.com>
- 4) Re: Re. WW2 radio scenario help...  
by Kargokult@aol.com
- 5) WTB: WRL 755 VFO  
by "Grant Youngman" <nq5t@gte.net>
- 6) AWA fun / RTTY courtesy  
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 7) Re: WTB: WRL 755 VFO  
by Arnulf Hagen <aphagen@pop.okla.net>
- 8) Equipment  
by "Jack Hart" <wa2hwj@worldnet.att.net>
- 9) BA's at Hamfest (NY not NN)  
by "Paul Bernhard Sr." <w2tu@email.msn.com>
- 10) Found: LI'L LULU Xmtr  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 11) WTD: 6 Mtr Halo  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 12) Need NC-183D part  
by Al Klase <skywaves@bw.webex.net>
- 13) BARL  
by Ralph Parker <rparker@istar.ca>
- 14) WANTED: Prop pitch motor  
by "Chuck O'Neal" <coneal@ma.ultranet.com>
- 15) Re: Submarine Signal Company  
by William Donzelli <william@ans.net>
- 16) Re: Funky tubes!  
by William Donzelli <william@ans.net>
- 17) BAs for Sale and Swap  
by K8MFO@aol.com
- 18) Info needed on FM 73 & 74 ,PE 152

- by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 19) Re: Submarine Signal Company  
by Sandy W5TVW <ebjr@worldnet.att.net>
  - 20) Re: Funky tubes!  
by Sandy W5TVW <ebjr@worldnet.att.net>
  - 21) Panadaptor cables wanted  
by "Thomas A. Adams" <103360.2133@compuserve.com>
  - 22) Manual For??  
by "James D. Mayfield" <kb9bnr@revealed.net>
  - 23) Source for HP410B AC Probe Diodes  
by "Grant Youngman" <nq5t@gte.net>
  - 24) Turner +3B mic: any good for BA use?  
by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
  - 25) NC-190 PARTS  
by John M Iverson <jackiv@juno.com>
  - 26) Hamfest report (Rock Island) -- sort of....  
by Kevin L Anderson <kb9iua@juno.com>

-----  
From: "Barry L. Ornitz" <ornitz@tricon.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Roberta J. Barmore" <rbarmore@indy.net>  
Subject: More on Bobbi's BIG Funky Tubes  
Date: Sat, 13 Feb 1999 22:09:34 -0500  
Message-ID: <01be57c7\$727485a0\$ee4562d8@ornitz.dpnnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Bobbi and group - a few comments here...

Back in the late 60's and early 70's when two meter FM was just beginning to catch on, I contemplated building an 8072 amplifier. I was going to mount it in a coaxial line arrangement, with the outside of the line machined into fins for cooling (hey, I was taking a heat transfer course at the time). I did the calculations and determined that the cooling would not be sufficient this way. The thermal resistance down the length of the line meant that only the first few inches provided useful cooling. If I made the line and fins large enough, the capacitance to ground would be too high. That is the nice thing about beryllia. A 1/4 inch block can conduct heat like aluminum, but the capacitance from one side to the other is pretty small. Conduction cooled tubes are best suited for power levels below a few hundred watts maximum.

Water cooled tubes rely on fast moving water to carry the heat away. Vapor phase coolers are, as Bobbi noted, boilers. While the heat capacity of

water varies somewhat with temperature, you can use a typical value of 1 BTU/lb-F (British Thermal Unit per pound of water per degree F) or in metric units 1 cal/gm-C (calories per gram per degree C, \*real\* calories as the units they use for food are really kilocalories). Temperature excursions in liquid cooled tubes are generally limited to 60C maximum, with much lower temperature rises common. If the inlet temperature is 20 C (68 F), this gives a comfortable margin on the high end as you do not want the water to boil. So if you run a liter (kilogram) of water through the tube in one minute, it can remove 1 kilocalories/second if the temperature rise is 60 C. This can be converted to watts with a conversion factor to approximately 4.2 Kilowatts.

But to convert a kilogram of water at 100 C to a kilogram of steam at 100 C, it takes about 540 kilocalories (known as the latent heat of vaporization). So boiling a kilogram of water at 100 C in one minute takes about 37.6 kilowatts. There is an almost nine to one advantage on using vaporization cooling over water cooling. Not only is less water used, the anode of the tube can be much smaller than with liquid cooled tubes because of much improved heat transfer coefficients.

But even "boilers" have their limits. The size of the anode is dependent on how fast it can boil the water. Most vaporization cooled tubes use what is known as nucleate boiling. This looks much like going into Bobbi's kitchen to watch a pot of water on the stove. The steam forms at small surface imperfections known as nucleate centers. But if the temperature of the pot is raised, which is difficult to do on the stove, nucleate boiling can evolve into film boiling. In film boiling, the anode is so hot that the water boils without even touching it, usually 20 to 50 C higher than the surface temperature with nucleate boiling. Film boiling is the most efficient means of heat removal in tubes that has been developed to date. Thompson-CSF of France is the pioneer of this technology. To allow the rapid escape of steam and the replacement water to flow in, these tubes have some weird shaped anodes. I believe these are what Bobbi refers to as immersion tubes. I like to describe them as looking like pineapples or porcupines, with short stubby fins. These tubes are capable of dissipating several thousand watts per square inch of surface - much higher than any other tubes, including conventional vaporization cooled tubes. They certainly put an inverted metal 6L6 in a pail of water to shame! :-)

73, Barry L. Ornitz      WA4VZQ      ornitz@tricon.net

-----  
Message-Id: <3.0.1.32.19990213201910.00685bf0@pop.mindspring.com>

Date: Sat, 13 Feb 1999 20:19:10 -0800

To: Old Tube Radios <boatanchors@theporch.com>

From: Gerald Morris <k6qy@mindspring.com>

Subject: 6 meter Venus

Cc: boatanchors@theporch.com

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Will the person with the Venus please repeat your last message to me. I seem to have dumped it into some dark hole in my computer.

73 Gerald K6QY

-----  
Date: Sat, 13 Feb 1999 20:31:10 -0800 (PST)  
From: John Kolb <jlkolb@cts.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS Gonset Super 6 Was: Re: Gonset mobile converter  
Message-ID: <Pine.SCO.4.05.9902132027440.21537-100000@sd.cts.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 30 Oct 1998, Sandy W5TVW wrote:

>  
> >The Gonset converters were usually powered from the vibrator supply  
> >in the car radio. The radio was tuned somewhere in the upper part of  
> >the BC band (I forget the usual frequency). There were various models  
> >of these converters, some with only a band or two and some I think  
  
> Then there was the Gonset "Super Six" which, like the Tri-Band was  
> bandspreaded for amateur bands, but covered 75, 40, 20, 15, 11 and 10 meters.

A rather beat up looking Super 6 for sale - the three front panel knobs are missing - \$ 10.00 plus shipping from 92065. Heck, the Gonset emblem on the case is worth that :)

John KK6IL jlkolb@cts.com

-----  
From: Kargokult@aol.com  
Message-ID: <720cbec9.36c657e1@aol.com>  
Date: Sat, 13 Feb 1999 23:58:09 EST  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: JReveal@worldnet.att.net  
Mime-Version: 1.0  
Subject: Re: Re. WW2 radio scenario help...  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 99-02-08 15:40:45 EST,

103360.2133@compuserve.com writes:

> The moment he touched the key the odds were very good that wour character  
> would be heard, and direction finders would be all over him. In coastal  
> areas of the US especially, the local military authorities would be  
> breaking down the door in short order, all due to the efforts of RID..

---doesn't seem to necessarily be the case.

in the incident i mentioned, the operations came to light because a neighbor's home radio was being interfered with. DFing might have eventually found it, but did not early on, in this case.

U-boat HQ listened on several frequencies. Those frequencies probably carried enuff traffic they were early recognized and then closely monitored. As for spy-radio, the agents were issued crystals for their missions. And operated with low power, lets say 20 watts output, compared to maybe 500 watts out for a submarine's transmitter. Finding the source of low power transmissions in a built up area might be more difficult than looking for a surfaced vessel with aircraft borne radars at sea, i don't know.

As for building a transmitter, the impression i have from reading, and i cannot recall specific examples to cite, is that there was kind of a division of labor between telegraphists and more technically competent radio people. The folk selected for agent work were chosen for various abilities, and having a radio back ground was not apparently a foremost requirement. So the prospect might be put thru a crash course in operation and telegraphy, and not have the skill to troubleshoot or build their own rig. There are however some really interesting examples of agents or staybehinds building their own transmitters. I'm thinking the Russian, Col. Abel, the WW2 Polish underground, and maybe those Australian troops on a Japanese-controlled island ( can't recall island...) BTW, 20 years ago Playboy magazine had some kind of war story, fiction, where one scene has some USN radioman in west coast USA listening to some transmitter built by US staybehind guerilla fighters in Philippines, the narrative actually described that due to coils being wound on bamboo formers, the signal was very annoying to try to copy, what with the "chowpy chowpit" sound ( chirp ). Finally the radioman swears, rips off the headphones and throws them down.....there the story veers into fantasy, because the radioman had a job to do, and would have stuck with it in real life....

I don't know if that story was based on any true incident, haven't come across anything like that. One of school day's chums was radio op in USArmy and described a Filipino guerilla radio as being handcrank powered and

very hard to crank. That sounds like the BC-654.  
hue

-----  
Message-Id: <199902140559.XAA21262@smtp1.gte.net>  
From: "Grant Youngman" <nq5t@gte.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sat, 13 Feb 1999 23:57:25 -0600  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: WTB: WRL 755 VF0

I'd really like to find a WRL 755 VF0. Need not be working, but should be physically complete and untrashed.

Drop me a line if you have one to part with.

Thanks ... Grant

-----  
Grant Youngman / NQ5T

nq5t@gte.net  
BA pics at <http://home1.gte.net/nq5t>  
Double Oak, TX -- nr Dallas

-----  
Date: Sun, 14 Feb 1999 08:44:13 -0500  
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <199902141344.IAA24301@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: AWA fun / RTTY courtesy

Now that was a surprise this AM. Several OT CW stn.s were up around 3595 in various QS0s. The digital mode started here & there. But the users spotted us on their QS0 blasters & skirted us.

Whatta blessing. The QS0 blasters usually just hunker onto a freq. that's not used by kindred spirits & start the

RY... Then baudot pix of Linda Tritt.

But not on Valentine's! Thanks to any of you guys if you read this.

AA4RM was running the "freudian twins," aka Stancor 69 & RME69.

Tho sounding like a buzz-saw, the Stancor ran thru the night w/o a blip.

Same for the '36 RME.

Gawd things are great when they go right, huh?

And what was "CQ NA" last night? Dozens of super-power programmable-keyer CW stn.s emitting that.

Marty

-----  
Message-ID: <36C6D537.2525@pop.okla.net>  
Date: Sun, 14 Feb 1999 07:52:55 -0600  
From: Arnulf Hagen <aphagen@pop.okla.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: WTB: WRL 755 VFO  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi...your Viking II is safe with me. We are back in Norman with 2 acres and no antenna restrictions, and no trees in the antenna field! After you find the best 755 I would appreciate knowing where others are available. Thanks, arni W5SR0

>

> I'd really like to find a WRL 755 VFO. Need not be working, but  
> should be physically complete and untrashed.

>

-----  
From: "Jack Hart" <wa2hwj@worldnet.att.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Equipment  
Date: Sun, 14 Feb 1999 10:10:53 -0500  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990214151645.ESOP29880@default>

FOR SALE:

Hallicrafters T0 keyer, HA-1, in very nice condition with original manual...\$50.00

Heathkit SB-610 station monitor, good shape....\$85.00

Shipping extra...

73,  
Jack WA2HWJ

-----  
Message-ID: <000801be5834\$2be7ae60\$505d2299@default>  
From: "Paul Bernhard Sr." <w2tu@email.msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BA's at Hamfest (NY not NN)  
Date: Sun, 14 Feb 1999 11:07:49 -0500

Sorry about the misprint it was late. Should have been Westfield, NY instead of NN!

73  
Paul B. W2TU

-----  
Message-ID: <01BE581A.883DD460.w1kszt@tiac.net>  
From: "Richard W. Solomon" <w1kszt@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Found: LI'L LULU Xmtr  
Date: Sun, 14 Feb 1999 12:59:13 -0500

While at the Marlboro Flea I found a mint LI'L LULU 6 Mtr XMTR that followed me home. I remember wanting one of these in my youth but never had that much cash. Now I get one and probably paid too much, but you can't take it with you.

Now, to get this going, I need an 11 pin female Amphenol connector (78-S11), similar to the Heath power plugs. Anyone have one I can get ?

Also came with the original manual, a rarity these days. So, if anyone has one and needs a copy of the manual, let me know. Now off to fire up the TV-7 !!

73, Dick, W1KSZ

-----  
Message-ID: <01BE581A.8A894B00.w1kszt@tiac.net>  
From: "Richard W. Solomon" <w1kszt@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WTD: 6 Mtr Halo  
Date: Sun, 14 Feb 1999 13:01:06 -0500

Now I need a 6 Mtr antenna to see if any AM is still alive in Boston. Anyone have a Halo or Squalo (Cushcraft version) they will part with ?



I have a 2 Mtr Cushcraft Halo I will offer up as trade goods.

73, Dick, W1KSZ

-----  
Message-ID: <36C725B2.D171D226@bw.webex.net>  
Date: Sun, 14 Feb 1999 14:36:18 -0500  
From: Al Klase <skywaves@bw.webex.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need NC-183D part  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anchorites,

I've taken a slightly distressed National NC-183D RX under my wing. It appears an earlier "restorer" washed it with a hose. Some of the numbers on the main tuning dial have moved around. Looks like alphabet soup. Does anyone have a parts set?

TNX es 73,

Al

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ 08822  
Web Page: <http://www.webex.net/~skywaves/home.htm>

-----  
Message-Id: <3.0.5.32.19990214144740.007ab4b0@istar.ca>  
Date: Sun, 14 Feb 1999 14:47:40 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Ralph Parker <rparker@istar.ca>  
Subject: BARL  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I need to ship a R-390A (in cabinet, on shock mounts) across the country.  
>Can anyone suggest a "best" (most safe) method?

I really do think it's time to organize the BARL. (Boat Anchor Relay League, obviously) Assuming that list members, being real hams, are trustworthy,  
why not help a fellow member by carrying a BA from point A to point B, or part way, while you're driving across the country?  
Seems like we have members in diverse parts of the continent, so maybe it could be a reality.

What say, OMs?

Ralph, VE7XF

-----  
Message-ID: <018c01be586d\$512c7460\$40898018@coneal.ne.mediaone.net>  
From: "Chuck O'Neal" <coneal@ma.ultranet.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WANTED: Prop pitch motor  
Date: Sun, 14 Feb 1999 17:56:53 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm looking for a large prop pitch motor, the one with the 6 inch  
diameter motor housing cover. Any one have one available?  
Thanks!  
Chuck...K1KW

-----  
Date: Sun, 14 Feb 1999 18:01:54 -0500 (EST)  
From: William Donzelli <william@ans.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Submarine Signal Company  
Message-Id: <Pine.GS0.3.96.990214180006.17924B-100000@titan.purch.ans.net>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Curiosity has got me asking if the Submarine Signal Company was a  
> manufacturer of radio equipment, or is it a transformer maker only? I  
> have not heard of them before. Has anyone knowledge of the company and  
> did they specialize in radio gear for sumarines as the name would imply?

Submarine Signal made a majority of the sonar sets for the Navy. They also  
dabbled in radar (models SF and SU, I think).

William Donzelli  
william@ans.net

-----  
Date: Sun, 14 Feb 1999 18:10:09 -0500 (EST)  
From: William Donzelli <william@ans.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Funky tubes!  
Message-Id: <Pine.GS0.3.96.990214180820.17924D-100000@titan.purch.ans.net>  
Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> But here's a class of cooling we've kidded about, and some have used,  
> that I never knew was professionally applied: Immersion-cooled tubes!  
> Yep, you dunk 'em in a tank of water (etc.) just like the upside-down 6L6  
> in a coffee-can of water. They look a lot like forced-air-cooled tubes,  
> but the cooling fins are smaller and set wider apart. Pretty neat! Some  
> of this family are specifically mentioned for aircraft service, and seem  
> to be RADAR pulse & regulator tubes, so perhaps the collectors of OD Green  
> have seen 'em.

>  
> And now, on the (scream and run!) topic of conduction-cooling; some  
> of that family of tubes have BeO, some just have an unfinned external  
> anode and it's the user's problem how they wanna haul the heat away.  
> The 4CS250R, you would not want--comes with BeO link brazed on, no doubt  
> by some dark art. 8560AS is clean--but mind the thing it's bolted to,  
> SK-1920, a big chunk of The Stuff. Ditto the 8873 (and it had such a  
> fine number, too!). The 4657, 7843, and 8072, all nice little ~100W  
> power tetrodes, seem to be of the unfinned-bare-anode sort, okay in and  
> of themselves but mind what is clamped to the anode! Some klystrons  
> have BeO "windows" where the RF output is taken off, too, so if a  
> klystron drops out of the sky in front of you, you might wanna look it  
> up before bashing it with a shovel. ;)

Apparently the old UV-218 recifiers could be operated this way. I suppose  
that might be why they (along with 204s, 831s, 851s), etc. "hang" from  
their sockets.

William Donzelli  
william@ans.net

-----  
From: K8MFO@aol.com  
Message-ID: <2754afef.36c75d1e@aol.com>  
Date: Sun, 14 Feb 1999 18:32:46 EST  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: baswaplist@foothill.net  
Mime-Version: 1.0  
Subject: BAs for Sale and Swap  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

I have a couple of original manuals for sale.

1. Hallicrafters HT-40K Assembly Instructions and HT-40 Transmitter Operating  
and Service Instructions \$18, which includes Priority Mail shipping

2. Dentron MLA-2500 Amplifier Operating Manual      \$18, which includes  
Priority Mail shipping

The following items are for trade.      I do not wish to sell

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1. CONAR Model 400 transmitter.      CW, 80, 40, and 15 meters.      From National  
Radio Institute.      Have manual copy.

2. Collins speaker.      Needs some restoration work on grill cloth and trim  
pieces.      This is one of the variations of the 270G

3.      Unbuilt Heathkit Antenna Noise Bridge, model HD-1422-A.

I am interested in trades of bugs of various types or perhaps other telegraph  
items.

Please respond directly to me at k8mfo@aol.com      As always, I answer all  
inquiries.

73

Don K8MFO

-----  
Message-Id: <199902142340.PAA29007@scottie.eimac.cpii.com>

Date: Sun, 14 Feb 1999 15:38:49 -0800

To: Old Tube Radios <boatanchors@theporch.com>

From: Paul Thekan <Paul.Thekan@eimac.cpii.com>

Subject: Info needed on FM 73 & 74 ,PE 152

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

BA Folks

I have what looks almost like the vehicle frame to a SCR  
284 but it isn't. It is a frame/radio support made up of two pieces , the  
FM 74 which is the frame and the FM 73 which is the shock support frame for  
whatever radio. The question is ....what radio goes with this setup??? I  
also have the dynamotor that sits in the FM 74 , like the PE 103 with the  
SCR 284 , it is a PE 152. It looks almost like the PE 103 except the  
dynamotor is not sitting center on the base support. It sits off to one  
side which leaves room for the 6v 12v input voltage switch and the power  
input cables and output connector. I was guessing maybe this was part of  
the TRC 10( I hope I got that right). It was a portable CW only trans/  
rcvr. I have very little info on this set. If anybody has a clue as to what

these pieces go to I sure would like to hear from you.

Thankyou  
Paul N6FEG

-----  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
Subject: Re: Submarine Signal Company  
Message-Id: <19990215015225.DKBZ19475@LOCALNAME>  
Date: Mon, 15 Feb 1999 01:52:25 +0000

At 06:01 PM 2/14/99 -0500, you wrote:

>> Curiosity has got me asking if the Submarine Signal Company was a  
>> manufacturer of radio equipment, or is it a transformer maker only? I  
>> have not heard of them before. Has anyone knowledge of the company and  
>> did they specialize in radio gear for sumarines as the name would imply?

>

>Submarine Signal made a majority of the sonar sets for the Navy. They also  
>dabbled in radar (models SF and SU, I think).

>

>William Donzelli

>william@ans.net

>

Submarine Signal made "echo" sounders or "fathometers" (a Raytheon registered name, I think!). Some were quite ancient in the 1970's and 1980's! They also made some rotating loop direction finding receivers. These were the old style D/F stands with the "steering wheel" to turn the loop. To a landlubber, they might look like some kind of ship's steering stand only they were usually mounted in the chartroom! Seems like the last one I saw was on a T2 tanker or a Victory ship.

I think the name came from specialization in the "submarine signal" aspects of it, literally, sonar and depth or bottom echo sounding.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

\*\*\*\*\* W A N T E D ! ! W A N T E D ! !\*\*\*\*\*  
\*\*\*\*\* Transmitter/Receiver RT-46/TRC-10 \*\*\*\*\*  
\*\*\*\*\* Hallicrafters SR-75 Transceiver \*\*\*\*\*  
\*\*\*\*\* Hallicrafters HT-44 Transmitter \*\*\*\*\*

-----  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
Subject: Re: Funky tubes!  
Message-Id: <19990215015238.DKEG19475@LOCALNAME>  
Date: Mon, 15 Feb 1999 01:52:38 +0000

Speaking of 4657's and 8072's.....I have a couple of 8072 pullouts  
and some NOS 4657's to trade to whoever needs them. If you need them,  
maybe we can get together on something I need.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

\*\*\*\*\* W A N T E D ! ! W A N T E D ! !\*\*\*\*\*  
\*\*\*\*\* Transmitter/Receiver RT-46/TRC-10 \*\*\*\*\*  
\*\*\*\*\* Hallicrafters SR-75 Transceiver \*\*\*\*\*  
\*\*\*\*\* Hallicrafters HT-44 Transmitter \*\*\*\*\*

-----  
Date: Sun, 14 Feb 1999 21:24:39 -0500  
From: "Thomas A. Adams" <103360.2133@compuserve.com>  
Subject: Panadaptor cables wanted  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199902142125\_MC2-6A77-1525@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

-----  
Message-Id: <3.0.32.19990214215501.00ba4e28@revealed.net>  
Date: Sun, 14 Feb 1999 21:55:42 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James D. Mayfield" <kb9bnr@revealed.net>  
Subject: Manual For??  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I picked up a very cute WRL 7c-6a AM 6meter transceiver today, it's in  
really nice shape, but I think the receiver could use a little work, does  
anyone have a manual they could copy for me? of course I would be more than  
happy to cover the cost.

73 Dave

\*\*\*\*\*

Dave Mayfield KB9BNR

Personal Web Page

<http://home.revealed.net/qste/bnr/index.html>

-----  
Message-Id: <199902150832.CAA01706@smtp2.gte.net>

From: "Grant Youngman" <nq5t@gte.net>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Mon, 15 Feb 1999 02:30:06 -0600

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: Source for HP410B AC Probe Diodes

Anyone know if there's a source for the 2-01C diodes for the H-P  
410B VTVM? I'm looking for 2 of the critters.

Thanks .. Grant

-----  
Grant Youngman / NQ5T

nq5t@gte.net

BA pics at <http://home1.gte.net/nq5t>

Double Oak, TX -- nr Dallas

-----  
Message-Id: <3.0.1.32.19990215111020.006b9d58@192.168.0.1>

Date: Mon, 15 Feb 1999 11:10:20 +0100

To: Old Tube Radios <boatanchors@theporch.com>

From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>

Subject: Turner +3B mic: any good for BA use?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello gang,

I have been offered locally (in Spain :-)) a Turner +3B microphone for  
\$13.75. As the price seems good (isn't it?), I wonder how that microphone  
would work with my BA gear (CE-100V, S-line, C-line, TR-4C, HW-101, ...)  
and semi-BA gear (TS-520S, FT-101, FT-102, ...). Currently, I have a Shure  
444, a Shure 450 and a D-104 (another 444 is in the mail) along with some  
hand-held microphones. Could the Turner be compared with any of them?

Thanks and best regards.

JOSE

-----  
73 EB5AGV / EC5AAU  
JOSE V. GAVILA  
Ausias March 46, 15  
46910 Benetusser - VALENCIA  
SPAIN

\*\*\* VISIT MY VINTAGE RADIO SITE - updated 17-January-1999 \*\*\*  
<http://www.geocities.com/SiliconValley/6992/>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 15 Feb 1999 07:59:20 CST  
Subject: NC-190 PARTS  
Message-ID: <19990215.075922.3518.2.jackiv@juno.com>  
From: John M Iverson <jackiv@juno.com>

i need the main and bandsread shafts as well as the driven plastic  
circles. other rigs have the same parts, such as the NC-140. will buy or  
trade. thanks jack  
a junker parts rig could be considered if the tuning stuff is ok.

Jack Iverson K0EWU jackiv@juno.com  
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA, AWA

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or call Juno at (800) 654-JUNO [654-5866]

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Hamfest report (Rock Island) -- sort of....  
Message-ID: <19990215.083130.8087.2.kb9iua@juno.com>  
From: Kevin L Anderson <kb9iua@juno.com>  
Date: Mon, 15 Feb 1999 09:25:38 EST

Hi, Folks.

Hopefully Dave (KB9BNR) or Mike (WB9IOG) can quote  
the prices, but the following were items I noticed at the  
Rock Island (IL) hamfest:

A complete S-line combo by Tom, WC9M (\$700???)



Several DX-60s (at least four), plus several HG-10(B) VFOs.  
Drake 2-NT / 2-C pair (sold before the doors opened)  
Drake 2-NT for \$125 by itself  
several TR-4s  
CE-100 (?) - two of them  
R-1055 parts rig  
HC-100A in cherry condition  
Ameco 6/2 meter transmitter in great condition  
Several BC-221 frequency meters (\$25 each I believe)

I didn't pay too much attention this year, unlike others, as I was not in buying mood. Instead, I was working at the booth of our local contest club most of the time, and otherwise concentrating on selling my three pieces of WW II military gear that I advertised earlier on this list. (I am happy to say that all three pieces found alternate homes, and the income for such paid for my one purchase.) Now I hope to concentrate on fixing my remaining boatanchor pieces.

Cheers/73.

\*\*\*\*\*  
Kevin Anderson, KB9IUA, Rock Island IL USA  
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil  
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End of BOATANCHORS Digest 2430

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